

HUMAN ABC1 PROMOTER AND ASSAYS BASED THEREON

Abstract of the Invention

Disclosed is the sequence of the human ABC1 promoter, a method
5 for expressing foreign DNA in host cells using the human ABC1
promoter, including a method of determining whether a chemical
not previously known to be a modulator of the human ABC1 gene
transcriptionally modulates the expression of the human ABC1
gene. Also disclosed is a sterol-responsive region of the human
10 ABC1 promoter, along with a showing that it is activated by
hydroxysterols and 9-cis-retinoic acid, implicating a mechanism
of activation involving LXR/RXR heterodimers.

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